

G35 / 350Z JWT CLUTCH ADJUSTMENT SPECIFICATIONS

CLUTCH PEDAL

On-Vehicle Inspection and Adjustment HEIGHT ADJUSTMENT

1. Check that clutch pedal height H_1 from the melt sheet is within the specified range.

Pedal height H_1 : 171 - 190 mm (6.73 - 7.50 in)

2. If pedal height H_1 is outside the specification, loosen ASCD cancel switch lock nut B and turn ASCD cancel switch. Next loosen clevis lock nut A and turn push rod to adjust.
3. When pedal height comes into the specified range, tighten ASCD cancel switch lock nut B and clevis lock nut A to the specified torque.

Lock nut A:

 **7.8 - 11 N·m (0.80 - 1.1 kg-m, 69 - 97 in-lb)**

Lock nut B:

 **12 - 14 N·m (1.3 - 1.4 kg-m, 9 - 10 ft-lb)**

4. Check that free play A at pedal pad top surface and pedal height H_2 when clutch is disengaged are within the specified ranges below.

Pedal free play (measured at pedal pad) A:

9 - 11 mm (0.35 - 0.43 in)

Pedal free play (clevis pin free play):

1.0 - 1.5 mm (0.04 - 0.06 in)

Pedal height H_2 when clutch is disengaged:

80 mm (3.35 in) or more

5. Check that free play A at pedal pad top surface and pedal height H_2 when clutch is disengaged are within the specified ranges below. If it is outside the specification, loosen lock nut A and turn push rod to adjust.

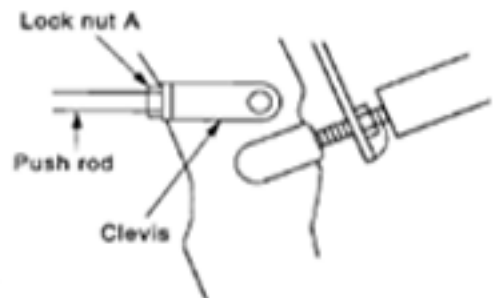
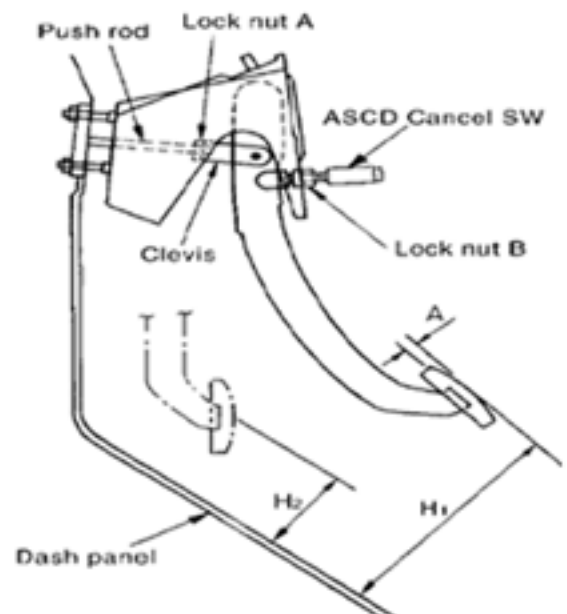
CAUTION:

Threaded end of the push rod must be positioned inside the clevis.

6. Tighten lock nut A to the specified torque.

Lock nut A:

 **7.8 - 11 N·m (0.80 - 1.1 kg-m, 69 - 97 in-lb)**



CLUTCH FLUID

Bleeding

CAUTION:

- Monitor fluid level in the reservoir tank to make sure it does not empty.
 - Do not spill clutch fluid onto painted surfaces. If it spills, wipe up immediately and wash the affected area with water.
 - Bleed the operating cylinder.
1. Fill the master cylinder reservoir tank with new clutch fluid.
 2. Connect a transparent vinyl hose to the air bleeder.
 3. Depress the clutch pedal quickly and fully a few times and hold it.
 4. With clutch pedal depressed, open air bleeder.
 5. Close air bleeder.
 6. Release clutch pedal and wait for 5 seconds.
 7. Repeat steps 3 to 6 until no bubbles can be observed in the brake fluid.

Air bleeder:

 **5.9 - 9.8 N·m (0.61 - 0.99 kg-m, 53 - 86 in-lb)**

